

a supply air motor to provide the supply air over a supply air channel to the room to be air-conditioned;

means for controlling the pressure of one of the supply air in the supply air channel and the pressure of the exhaust air;

a cooling-heating means for cooling or warming of the supply air; and

a regulator of a room pressure differential controlling one of the supply air and the exhaust air to maintain in the room an excess pressure over an outside pressure to provide a differential pressure turbulence for the purpose of better mixing of room air with the supply air.

34. The air conditioning apparatus according to claim 33, wherein a value of the excess pressure in the room is determined by at least one parameter from a group consisting of an outside temperature, a supply air temperature and a supply air pressure.

35. (Twice amended) The air-conditioning apparatus according to claim 34, further comprising an exhaust air motor to draw the exhaust air through an exhaust air channel out of the room to be air conditioned, the exhaust air motor having an exhaust air regulator.

36. (Delete) [The air-conditioning apparatus according to claim 35, wherein regulation of the excess pressure in the room is further provided by the exhaust air regulator.]

37. (Delete) [The air-conditioning apparatus according to claim 36, wherein an actual value for the exhaust air regulator is formed by the room pressure differential which is yielded from a difference between a room pressure and the outside pressure.]

38. (Amended) The air-conditioning apparatus according to claim [36] 35, wherein an actual value for the pressure of the exhaust air [regulator] is formed by a channel